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| TRANSMITTAL FORM (to be used for all correspondence after initial filing) | Application Number | 10/824,679 |
| | Filing Date | 04/15/2004 |
| | First Named Inventor | Rueckes, et al. |
| | Art Unit | 2818 |
| | Examiner Name | TBA |
| Total Number of Pages in This Submission | Attorney Docket Number | 112020.128US2 NAN--5 |

| ENCLOSURES (Check all that apply) | | |
|--|---|---|
| <input type="checkbox"/> Fee Transmittal Form | <input type="checkbox"/> Drawing(s) | <input type="checkbox"/> After Allowance communication to Technology Center (TC) |
| <input type="checkbox"/> Fee Attached | <input type="checkbox"/> Licensing-related Papers | <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences |
| <input type="checkbox"/> Amendment/Reply | <input type="checkbox"/> Petition | <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) |
| <input type="checkbox"/> After Final | <input type="checkbox"/> Petition to Convert to a Provisional Application | <input type="checkbox"/> Proprietary Information |
| <input type="checkbox"/> Affidavits/declaration(s) | <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address | <input type="checkbox"/> Status Letter |
| <input type="checkbox"/> Extension of Time Request | <input type="checkbox"/> Terminal Disclaimer | <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): |
| <input type="checkbox"/> Express Abandonment Request | <input type="checkbox"/> Request for Refund | - Postcard |
| <input checked="" type="checkbox"/> Information Disclosure Statement | <input type="checkbox"/> CD, Number of CD(s) _____ | |
| <input type="checkbox"/> Certified Copy of Priority Document(s) | Remarks 1. PTO Form 1449 (33 pgs.) 2. 14 Publications | |
| <input type="checkbox"/> Response to Missing Parts/Incomplete Application | | |
| <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53 | | |

| SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT | |
|--|-------------------|
| Firm or Individual name | Peter M. Dichiaro |
| Signature | |
| Date | June 1, 2004 |

| CERTIFICATE OF TRANSMISSION/MAILING | |
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| I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below. | |
| Typed or printed name | Tina M. Dougal |
| Signature | |
| Date | 6/1/04 |

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of: RUECKES, et al.

Application No.: 10/824,679

Filed: April 15, 2004

For: **Methods of Making
Electromechanical Three-Trace Junction
Devices**

Group Art Unit: 2818

Examiner: To Be Assigned

Attorney Docket No.: 112020.128 US2 (NAN-5)

CERTIFICATE OF MAILING (37 C.F.R. § 1.8 a)

I hereby certify that this correspondence is being deposited with the United States Postal Service under 37 CFR 1.8a and is addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on June 1, 2004.

By: _____

Tina M. Dougal

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P.O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

Pursuant to 37 C.F.R. §§ 1.56 and 1.97-98, and M.P.E.P. §609, Applicants hereby enclose Forms PTO-1449 that includes publications that have previously been cited in a prior patent application Serial No. 10/033,032 filed December 28, 2001 from which the above application claims priority under 35 U.S.C. §120. With the exception of the following list of publications identified below, pursuant to 37 C.F.R. § 1.98(d), no further copies of the previously cited art are enclosed.

Enclosed Publications

| <u>Document Number</u> | <u>Date</u> | <u>Name</u> |
|------------------------|-------------|-----------------|
| 2003/0124837 | 07/03/03 | Rueckes, et al |
| 2003/0021966 | 01/30/03 | Rueckes, et al. |
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Snow, E.S. et al., "Random Networks of Carbon Nanotubes as an Electronic Material." Applied Physics Letters, March 31, 2003, Vol. 82, No. 13, 2145-2147.

Bernholc et al., "Mechanical and Electrical Properties of Nanotubes", Annu. Rev. Mater. Res., 32 (2002) 347.

It is respectfully requested that the information above be expressly considered and that the publications be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

As this paper is being filed prior to the issuance of a first Office Action on the merits, no fee is believed to be due pursuant to 37 C.F.R. § 1.97(b)(3).

In the event a fee is due, the Commissioner is authorized to charge any fee deficiency or credit any overpayment to Deposit Account No. 08-0219.

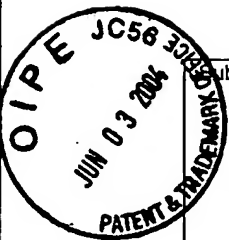
Respectfully submitted,

Dated: June 1, 2004



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|--|---|----|----|---|--|----------------------------------|--|
| Subt. For, PTO-1449 | | | | Docket Number 112020.128US2 NAN-5 | | Application Number 10/824,679 | |
| INFORMATION DISCLOSURE IN AN APPLICATION (Use several sheets if necessary) | | | | Applicant Rueckes, Thomas, et al. | | | |
| | | | | Filing Date April 15, 2004 | | Group Art Unit 2818 | |
| Sheet | 1 | OF | 33 | | | | |

| U.S. Patent Documents | | | | | | |
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|--|---|----|----|---|--|---|--|
| Subt. For, PTO-1449 INFORMATION DISCLOSURE IN AN APPLICATION <i>(Use several sheets if necessary)</i> | | | | Docket Number 112020.128US2 NAN-5 | | Application Number 10/824,679 | |
| | | | | Applicant Rueckes, Thomas, et al. | | | |
| | | | | Filing Date April 15, 2004 | | Group Art Unit 2818 | |
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| | | | | Filing Date April 15, 2004 | | Group Art Unit 2818 | |
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| | | | | Filing Date April 15, 2004 | | Group Art Unit 2818 | |
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| EXAMINER INITIAL | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUBCLA SS | TRANSLATION | |
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| Subt. For, PTO-1449 | | | | Docket Number 112020.128US2 NAN-5 | | Application Number 10/824,679 | |
| INFORMATION DISCLOSURE IN AN APPLICATION <i>(Use several sheets if necessary)</i> | | | | Applicant Rueckes, Thomas, et al. | | | |
| | | | | Filing Date April 15, 2004 | | Group Art Unit 2818 | |
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| Foreign Patent Documents | | | | | | | |
|--------------------------|--------------------|----------|---------|-------|--------------|-------------|----|
| EXAMINER INITIAL | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUBCLA SS | TRANSLATION | |
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| | | | | Applicant Rueckes, Thomas, et al. | | | |
| | | | | Filing Date April 15, 2004 | | Group Art Unit 2818 | |
| Sheet | 6 | OF | 33 | | | | |

| Foreign Patent Documents | | | | | | | |
|--------------------------|--------------------|----------|---------|-------|--------------|-------------|----|
| EXAMINER INITIAL | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUBCLA SS | TRANSLATION | |
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| Subt. For, PTO-1449 | | | | Docket Number 112020.128US2 NAN-5 | | Application Number 10/824,679 | |
| INFORMATION DISCLOSURE IN AN APPLICATION <i>(Use several sheets if necessary)</i> | | | | Applicant Rueckes, Thomas, et al. | | | |
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